



2817

TRANSMITTAL FORM

| | | |
|--|--|---|
|  TRANSMITTAL FORM | | Application Number <u>10/928,431</u> <u>09/828431</u> Filing Date <u>4/9/01</u> First Named Inventor <u>CORNELL, KENNETH D.</u> Group Art Unit <u>2817</u> Examiner Name <u>SUMMONS, BARBARA</u> |
| Total Number of Pages in this Submission | | Attorney Docket No. <u>CM03351J</u> |

ENCLOSURES

(check all that apply)

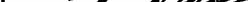
| | | |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Group |
| <input type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-Related papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input checked="" type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/Declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation, Change of Correspondence Address | <input type="checkbox"/> Status Letter with appropriate copies |
| <input type="checkbox"/> Extension of time Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Other Enclosure(s) (please identify below) |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | <input type="checkbox"/> Response to Restriction Requirement |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CDs | <input type="checkbox"/> Associate Power of Attorney |
| <input type="checkbox"/> Certified Copy of Priority Documents | | <input type="checkbox"/> RCE |
| <input type="checkbox"/> Response to Missing Parts/ Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts Under 37 CFR 1.52 or 1.53 | | |
| <p>Remarks</p> <hr/> <hr/> <hr/> | | |

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | | | |
|--------------------|--|------------------|--------|
| Firm or Individual | Barbara R. Doutre | Registration No. | 39,505 |
| Signature |  | | |
| Date | | | |

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage thereon, as first-class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, or Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date listed below:

| | | | |
|-----------------------|---|------|---------|
| Typed or printed name | Linda Christi Sumaridason  | | |
| Signature | | Date | 8/11/03 |

AUG 13 2003
U.S. PATENT & TRADEMARK OFFICE
PCT/US03/01665

FEE TRANSMITTAL

for FY 2003

Patent fees are subject to annual revision

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT

(\$)

| Complete If Known | |
|-------------------------|---------------------|
| Application No. | 10/6928,431 |
| Filing Date | 09/82.8431 |
| First Named Inventor | CORNETT, KENNETH D. |
| Examiner Name | SUMMONS, BARBARA |
| Group Art Unit | 2817 |
| TOTAL AMOUNT OF PAYMENT | (\$) |
| Attorney Docket No. | CM03351J |

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order Other None

Deposit Account

Deposit Account Number

50-2117
Motorola, Inc.

The Commissioner is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Credit any overpayment

Charge any additional fee(s) during the pendency of this application

Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity |
|--------------|--------------|
|--------------|--------------|

| Fee | Fee | Fee | Fee Description | Fee Paid |
|------|-----|------|-----------------|------------------------|
| Code | \$ | Code | \$ | |
| 1001 | 750 | 2001 | 370 | Utility filing fee |
| 1006 | 750 | 2006 | 370 | Utility filing fee CPA |
| 1002 | 330 | 2002 | 165 | Design filing fee |
| 1007 | 330 | 2007 | 165 | Design filing fee CPA |
| 1003 | 510 | 2003 | 265 | Plant filing fee |
| 1004 | 750 | 2004 | 370 | Reissue filing fee |
| 1005 | 160 | 2005 | 80 | Provisional filing fee |

SUBTOTAL (1) **(\$)**

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Fee from below | Fee Paid |
|--------------------|----|-------------------|------------------------|
| | | Extra Claims | |
| Total Claims | 18 | -6* = | <input type="text"/> |
| Independent | | x 18 | = <input type="text"/> |
| Claims | 4 | -6* = | <input type="text"/> |
| Multiple Dependent | | x 84 | = <input type="text"/> |
| | | 280 | |

| Large Entity | Small Entity |
|--------------|--------------|
|--------------|--------------|

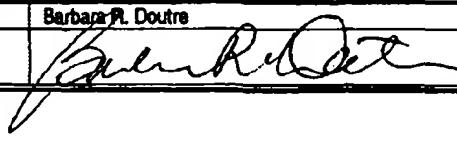
| Fee | Fee | Fee | Fee | Fee Description |
|------|-----|------|-----|---|
| Code | \$ | Code | \$ | |
| 1202 | 18 | 2202 | 8 | Claims in excess of 20 |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid |
| 1204 | 84 | 2204 | 42 | **Reissue independent claims over original patent |
| 1205 | 18 | 2205 | 8 | **Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) **(\$)**

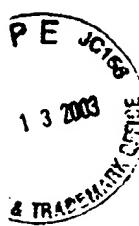
***or number previously paid, if greater. For Reissues, see above*

| 3. ADDITIONAL FEES | | FEE CALCULATION (continued) | |
|--------------------|--------------|-----------------------------|--|
| Large Entity | Small Entity | Fee | Fee Description |
| Fee | Fee | Fee | Fee Paid |
| Code | \$ | Code | \$ |
| 1051 | 130 | 2051 | 65 Surcharge - late filing fee or oath |
| 1052 | 50 | 2052 | 25 Surcharge - late Provisional filing |
| 1053 | 130 | 1053 | 130 Non-English specification |
| 1812 | 2520 | 1812 | 2520 For filing a request for ex parte Reexamination |
| 1804 | 920* | 1804 | 920* Requesting publication of SIR prior to Examiner action |
| 1805 | 1840* | 1805 | 1840* Requesting publication of SIR after Examiner action |
| 1251 | 110 | 2251 | 55 Extension for reply within 1st month |
| 1252 | 410 | 2252 | 200 Extension for reply within 2nd month |
| 1253 | 830 | 2253 | 480 Extension for reply within 3rd month |
| 1254 | 1450 | 2254 | 720 Extension for reply within 4th month |
| 1255 | 1970 | 2255 | 960 Extension for reply within 5th month |
| 1401 | 320 | 2401 | 160 Notice of Appeal |
| 1402 | 320 | 2402 | 160 Filing a brief in support of an appeal |
| 1504 | | 1504 | Publication fee for early, voluntary, or normal publication |
| 1403 | 280 | 2403 | 140 Request for oral hearing |
| 1506 | 300 | 1506 | 300 Publication fee for republication |
| 1451 | 1510 | 1451 | 1510 Petition to institute a public use proceeding |
| 1452 | 110 | 2452 | 65 Petition to revive - unavoidable |
| 1453 | 1300 | 2453 | 640 Petition to revive - unintentional |
| 1501 | 1300 | 2501 | 640 Utility issue fee (or reissue) |
| 1502 | 470 | 2502 | 230 Design issue fee |
| 1503 | 630 | 2503 | 310 Plant issue fee |
| 1460 | 130 | 1460 | 60 Petitions to the Commissioner |
| 1806 | 130 | 1806 | 130 Processing fee CFR 1.17(i) |
| 1807 | 50 | 1807 | 50 Processing fee for provisional application |
| 1806 | 180 | 1806 | 180 Submission of IDS |
| 8021 | 40 | 8021 | 40 Recording each patent assignment per property (times # of properties) |
| 1809 | 750 | 2809 | 370 Filing a submission after final rejection (37 CFR § 1.129(a)) |
| 1810 | 750 | 2810 | 370 For each additional invention to be examined (37 CFR § 1.129(b)) |
| 1801 | 750 | 2801 | 370 Request for Continued Examination (RCE) |
| 1802 | 900 | 1802 | 900 Request for expedited examination of a design application |
| 1814 | 110 | 2814 | 55 Statutory Disclaimer |

*Reduced by Basic Filing Fee Paid **SUBTOTAL (3) \$**

| SUBMITTED BY | | Complete (if applicable) | |
|--------------|---|-----------------------------------|----------------|
| Name (Print) | Barbara R. Doutre | Registration No. (Attorney/Agent) | 39,505 |
| Signature |  | Telephone: | (954) 723-6449 |
| | | Date | 8/11/03 |

UNITED STATES PATENT AND TRADEMARK OFFICE



APPLICANT(S)
APPLN. NO.:

CORNELL, KENNETH D.
109128,431
09/828,143/

FILED:

4/9/01

GROUP ART UNIT: 2817
EXAMINER: SUMMONS,
BARBARA

Confirmation No. 6168

TITLE:

MEMS RESONATORS AND METHOD FOR MANUFACTURING
MEMS RESONATORS

Certificate of Mailing

Date of deposit: 5/11/03

I hereby certify that this paper is being deposited with the United States Postal Service on the date indicated above, as first-class mail, with sufficient postage attached thereto, in an envelope addressed to Mail Stop Non-Fee Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450



Signature of Person Mailing Paper

Linda Christi Summons
Printed Name of Person Mailing Paper

RESPONSE

Mail Stop Non-Fee Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated 5/15/03, Paper No. 6, and Examiner's comments with regard thereto, please enter the following amendments in the above-entitled application, without prejudice or disclaimer.

AMENDMENTS TO THE CLAIMS:

15. (currently amended) An electromechanical resonating device comprising:
 a first support member; and
 a selectively doped vibrating member that is capable of resonating in a vibrational mode that has a first node and is attached to the first support at a position of the first node, the selectively doped vibrating member including;
 a first doped conducting region extending from the first support; and
 an insulating region;.